

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

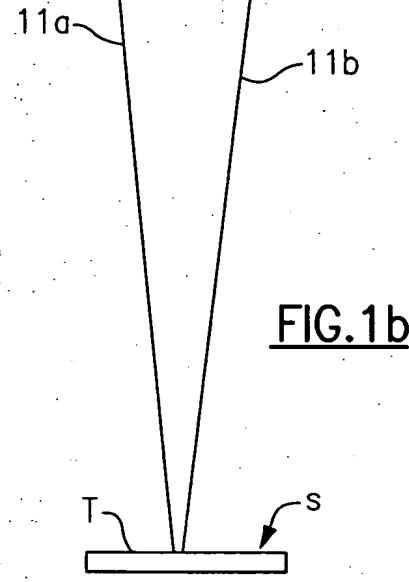
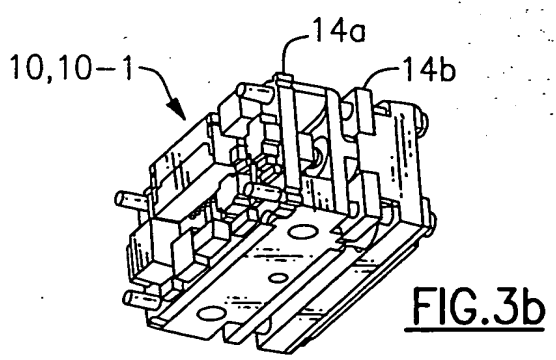
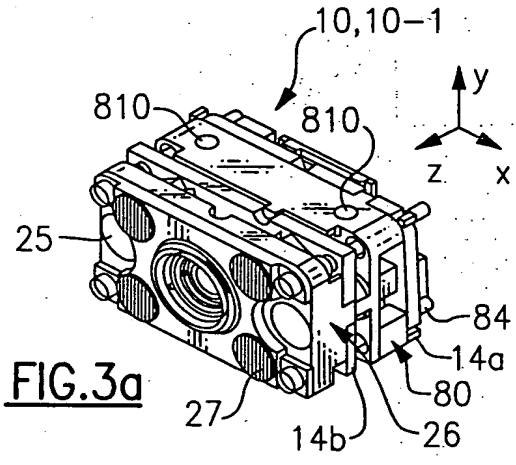
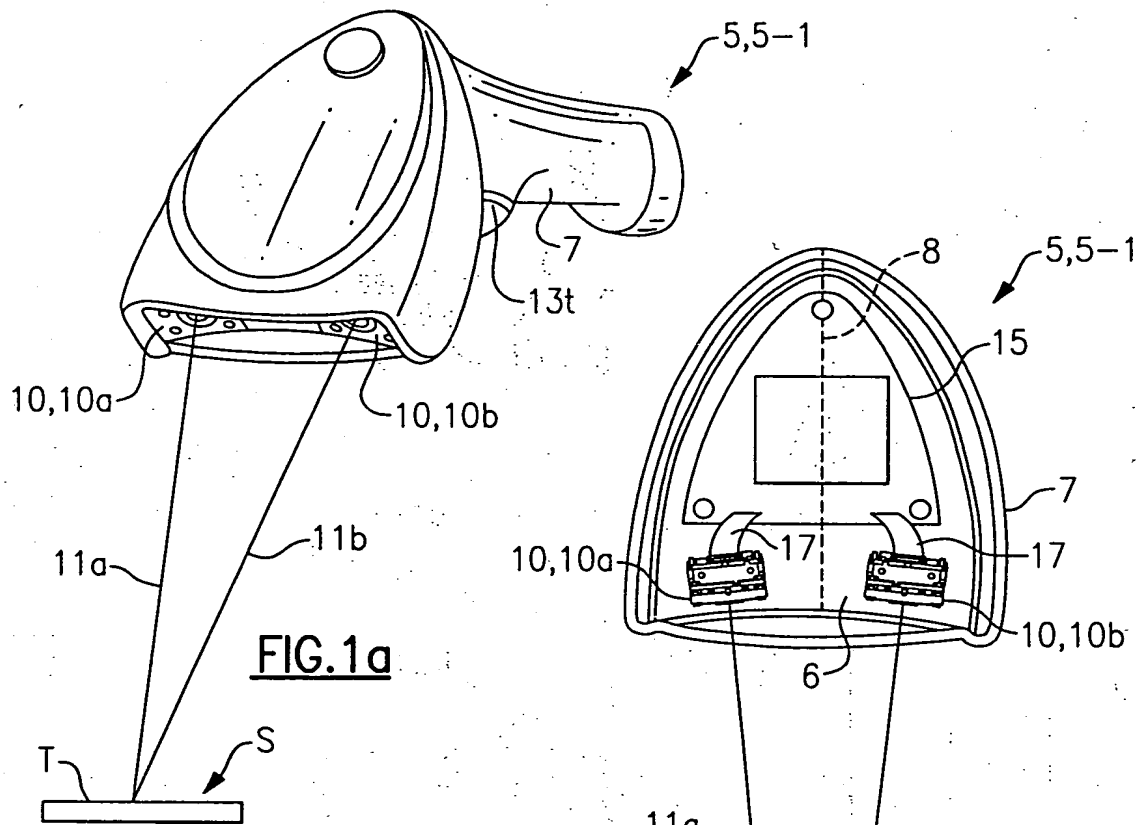
Defective images within this document are accurate representations of the original documents submitted by the applicant.

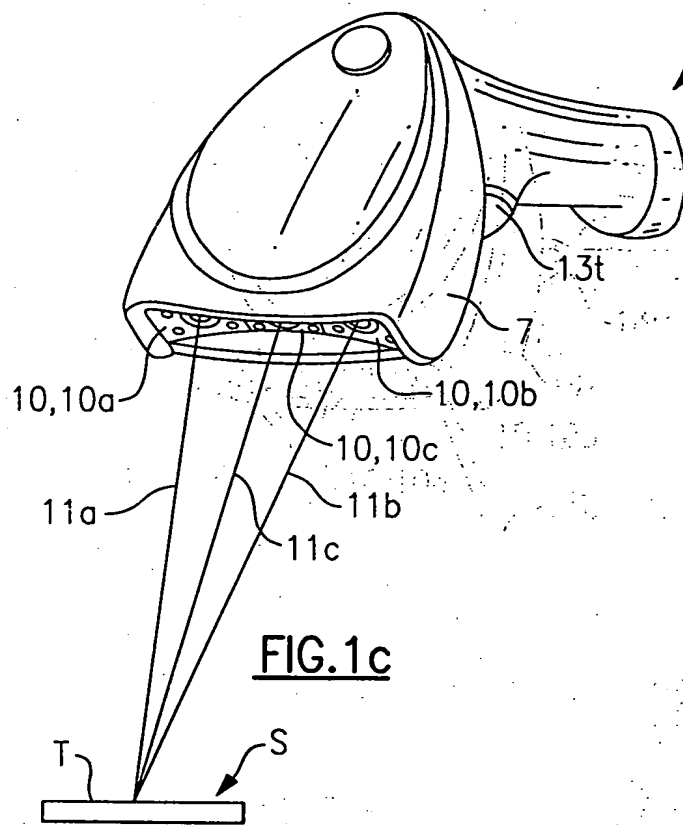
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

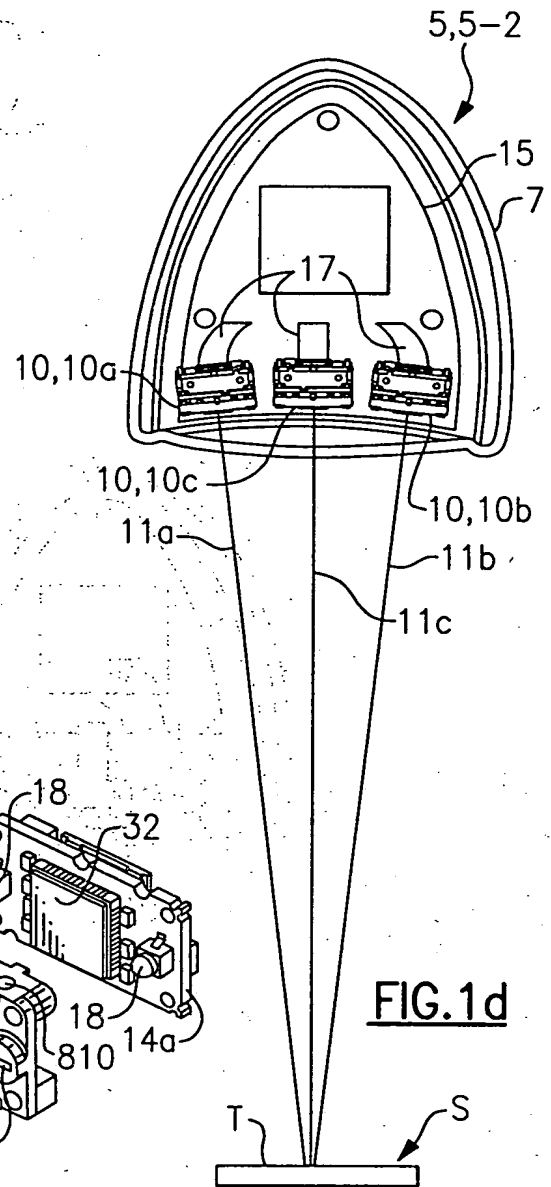
**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

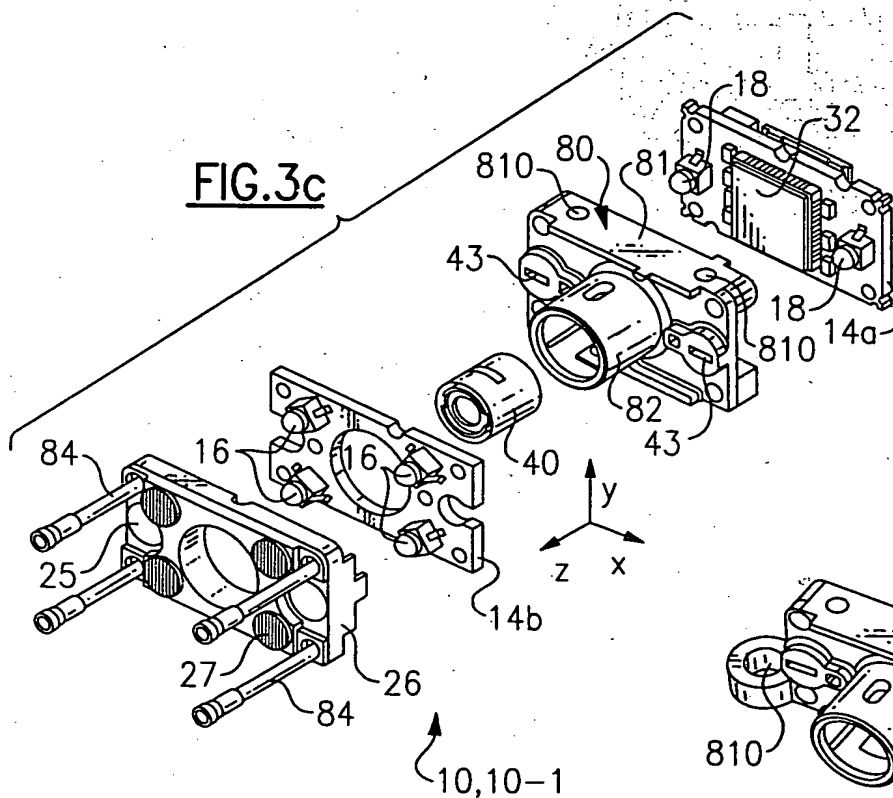




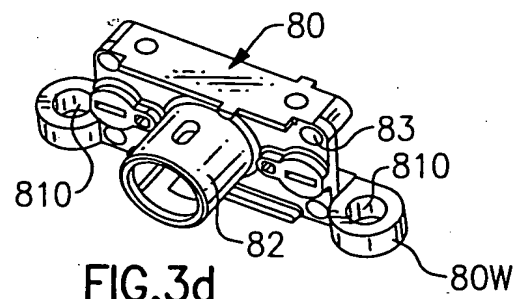
**FIG. 1c**



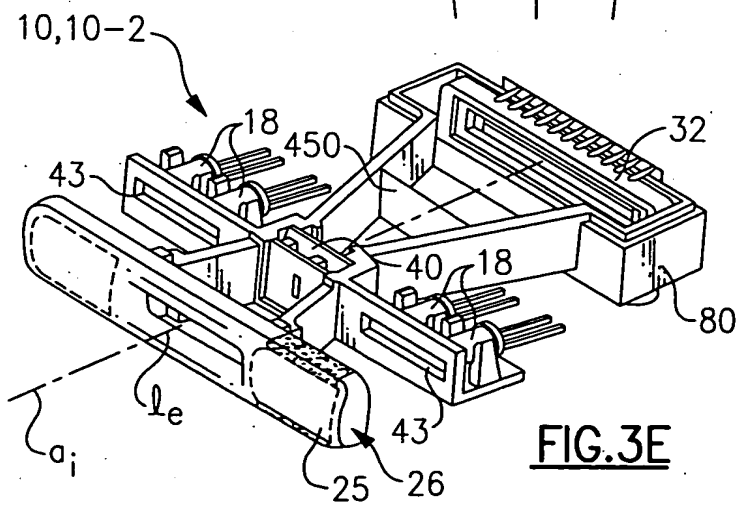
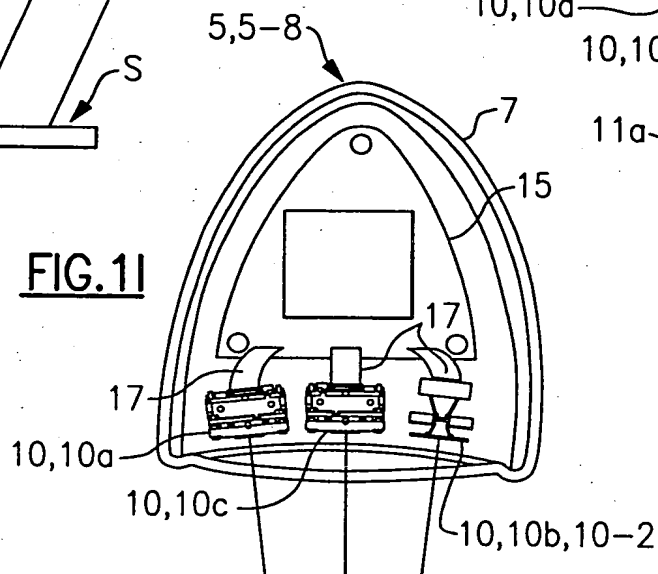
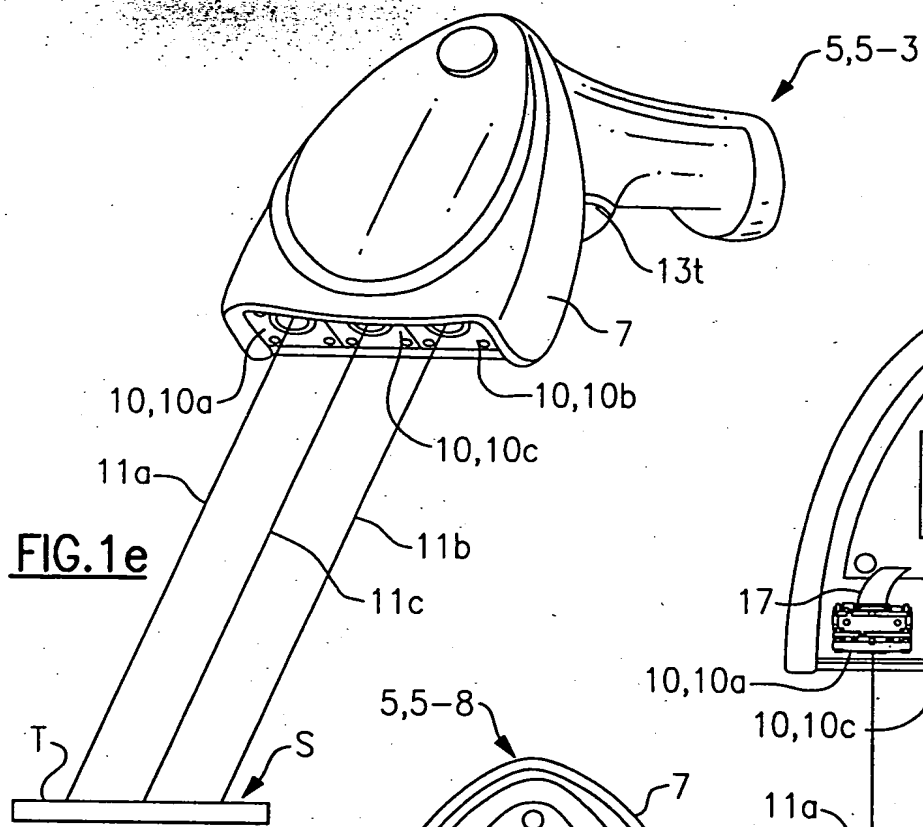
**FIG. 1d**

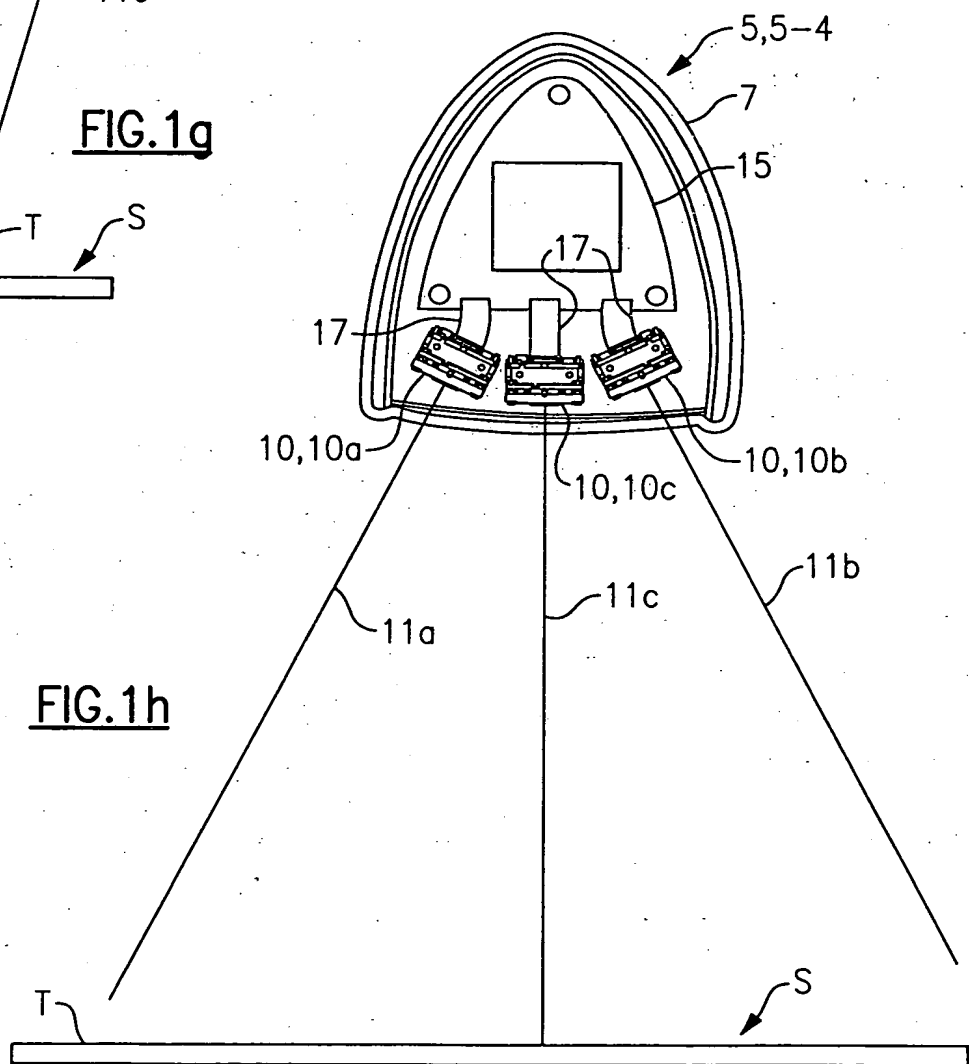
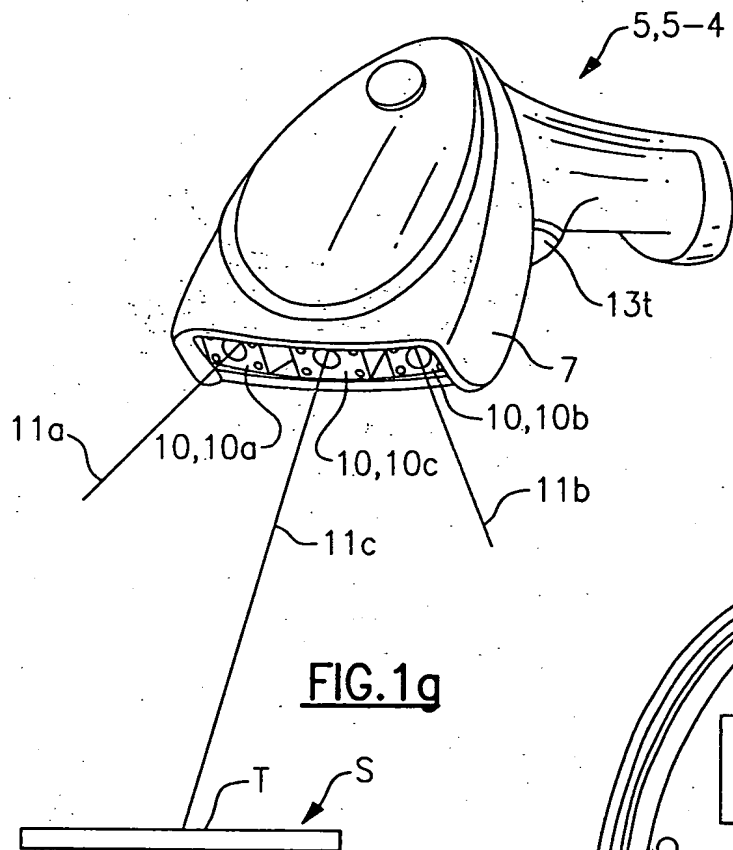


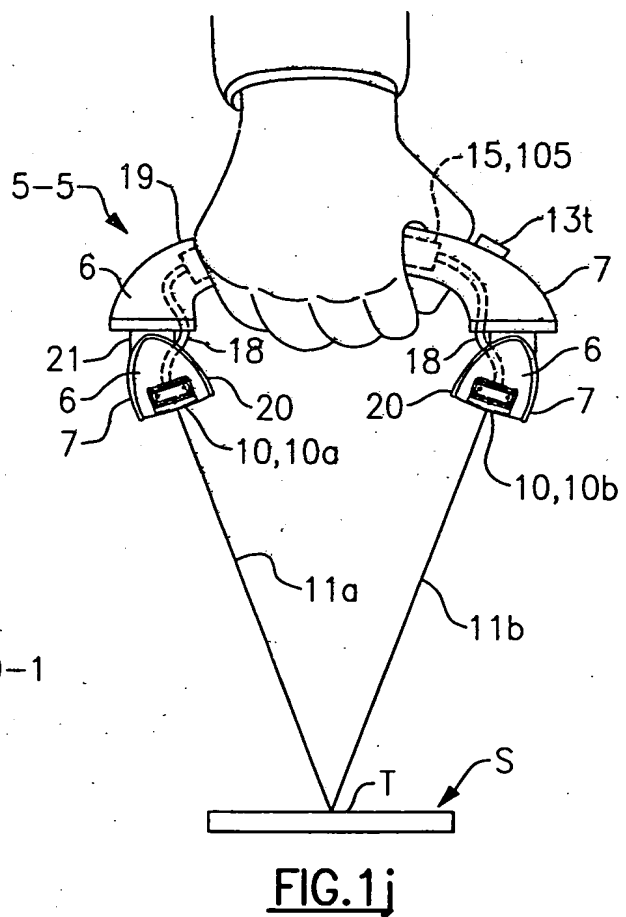
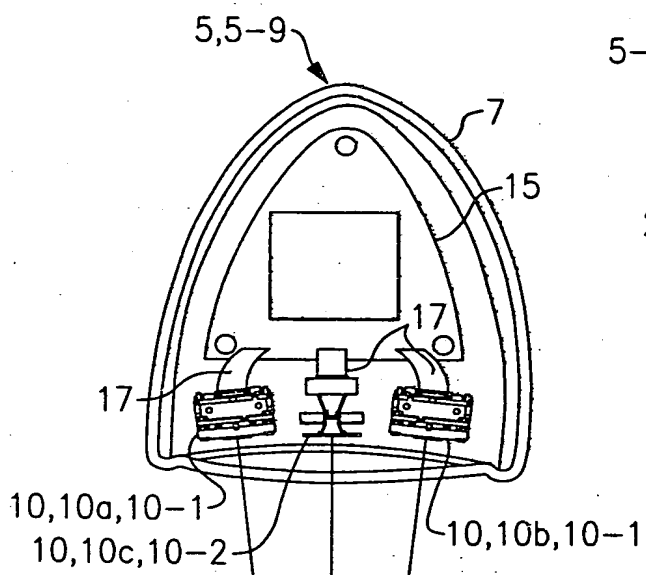
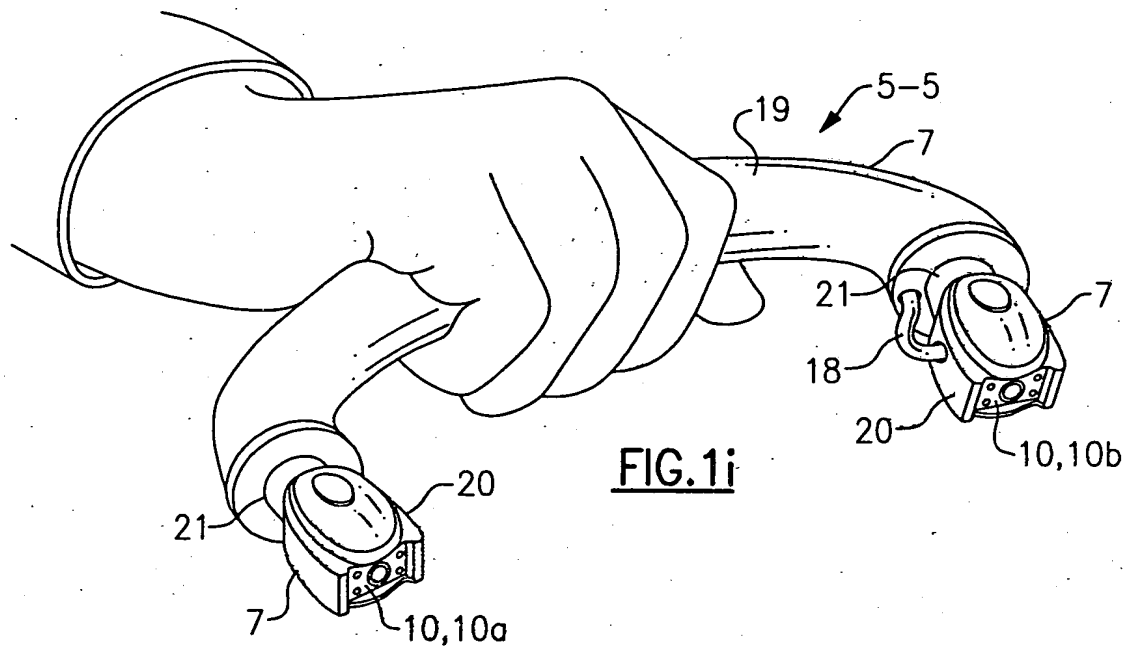
**FIG. 3c**



**FIG. 3d**







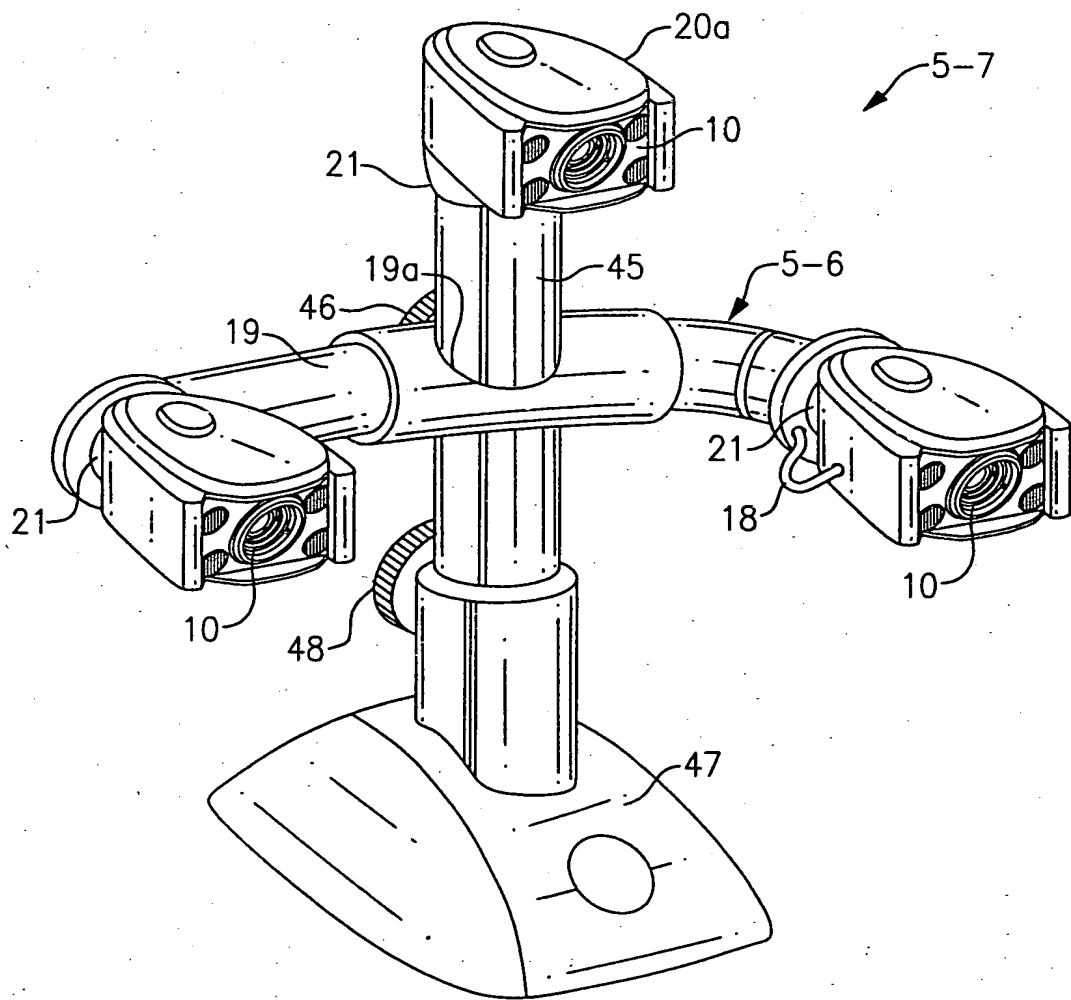
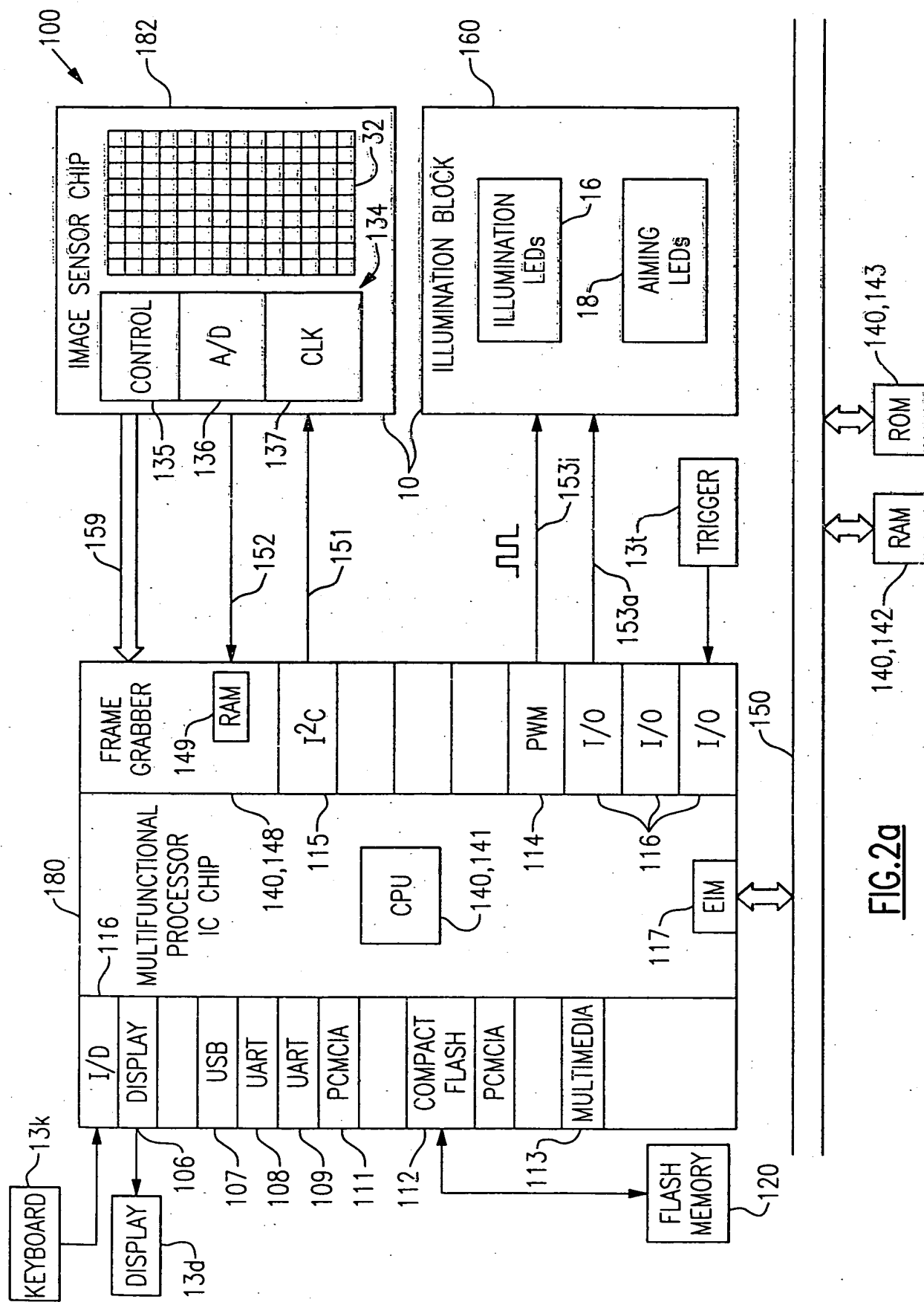
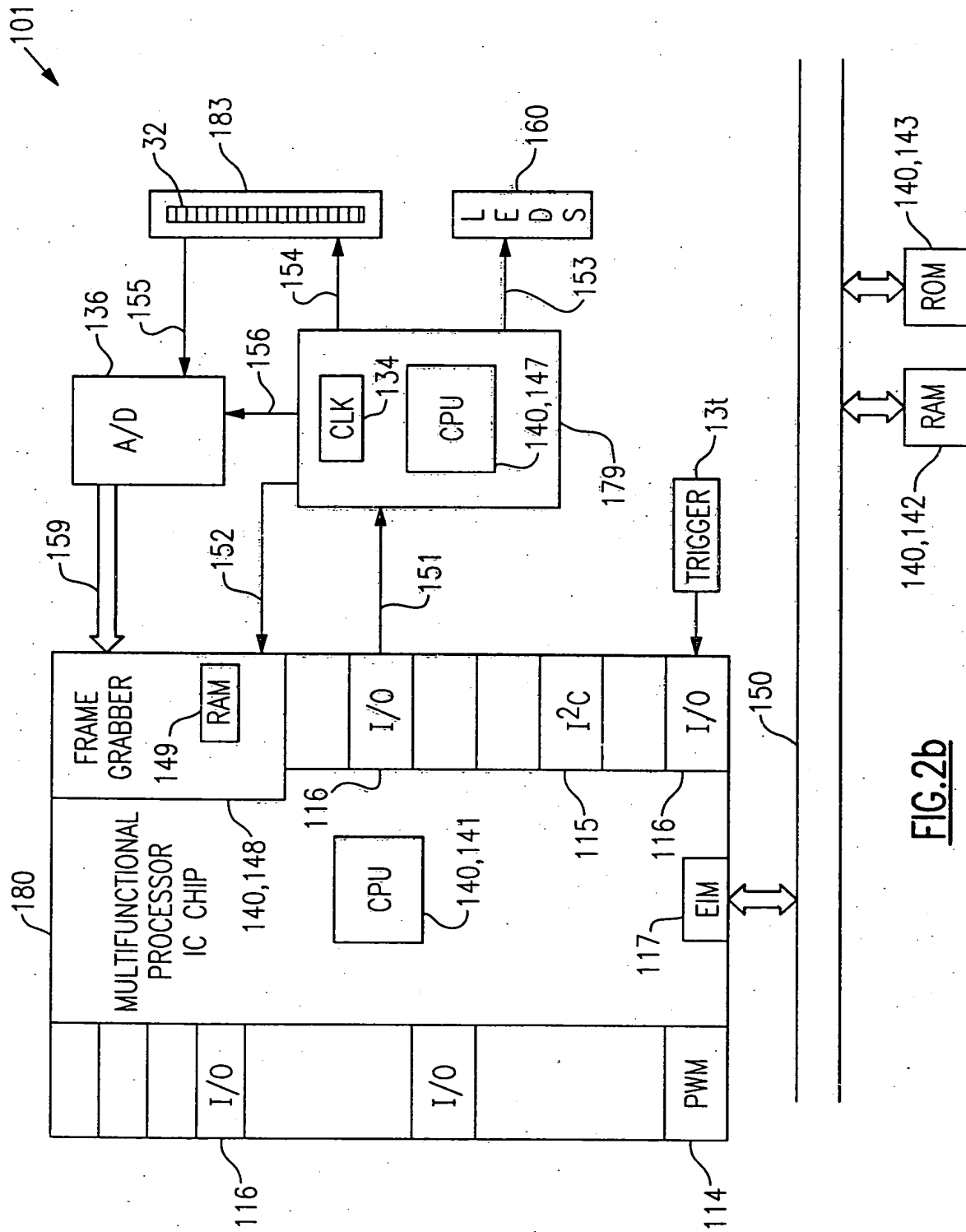


FIG.1k

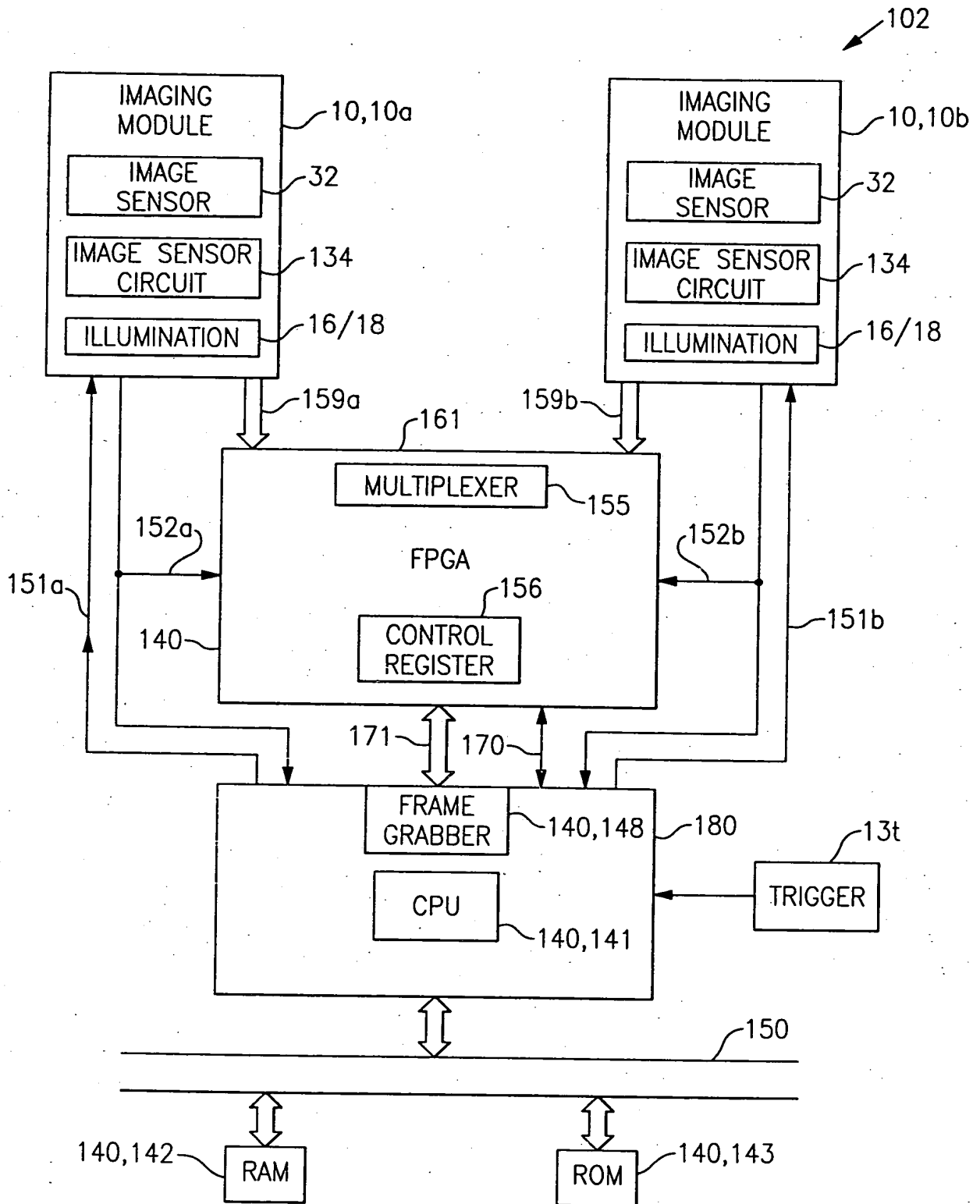


**FIG. 2a**

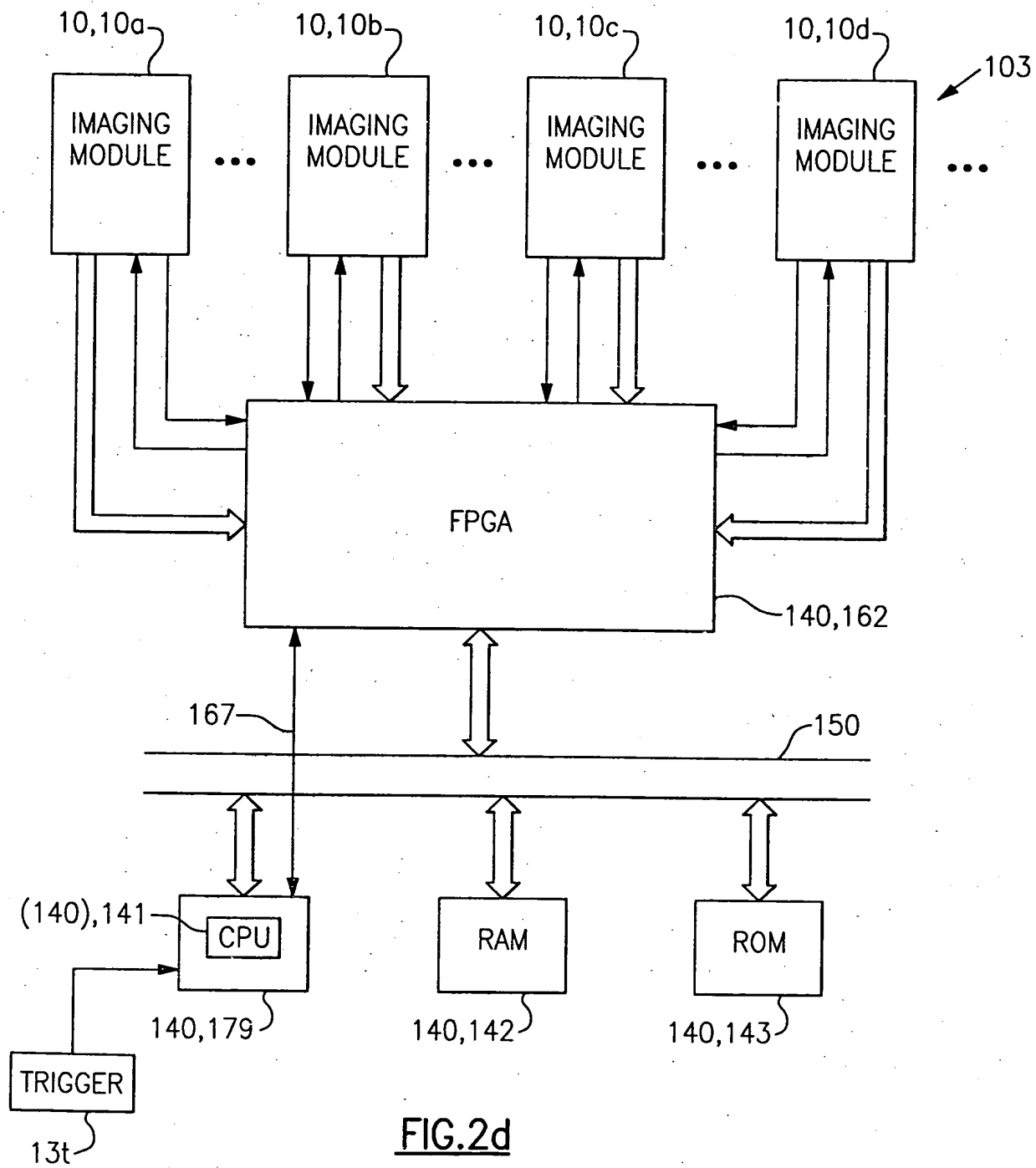


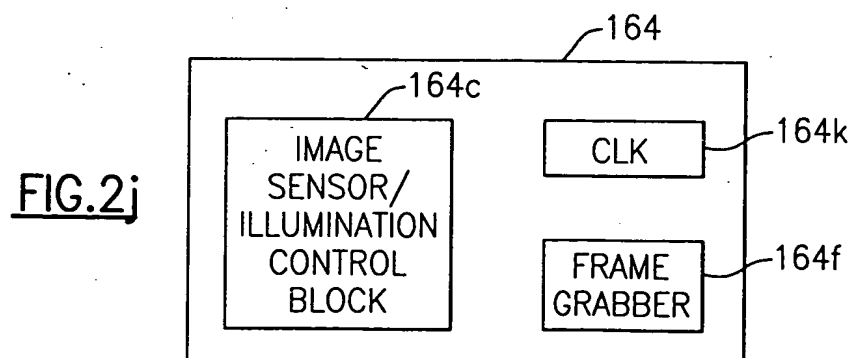
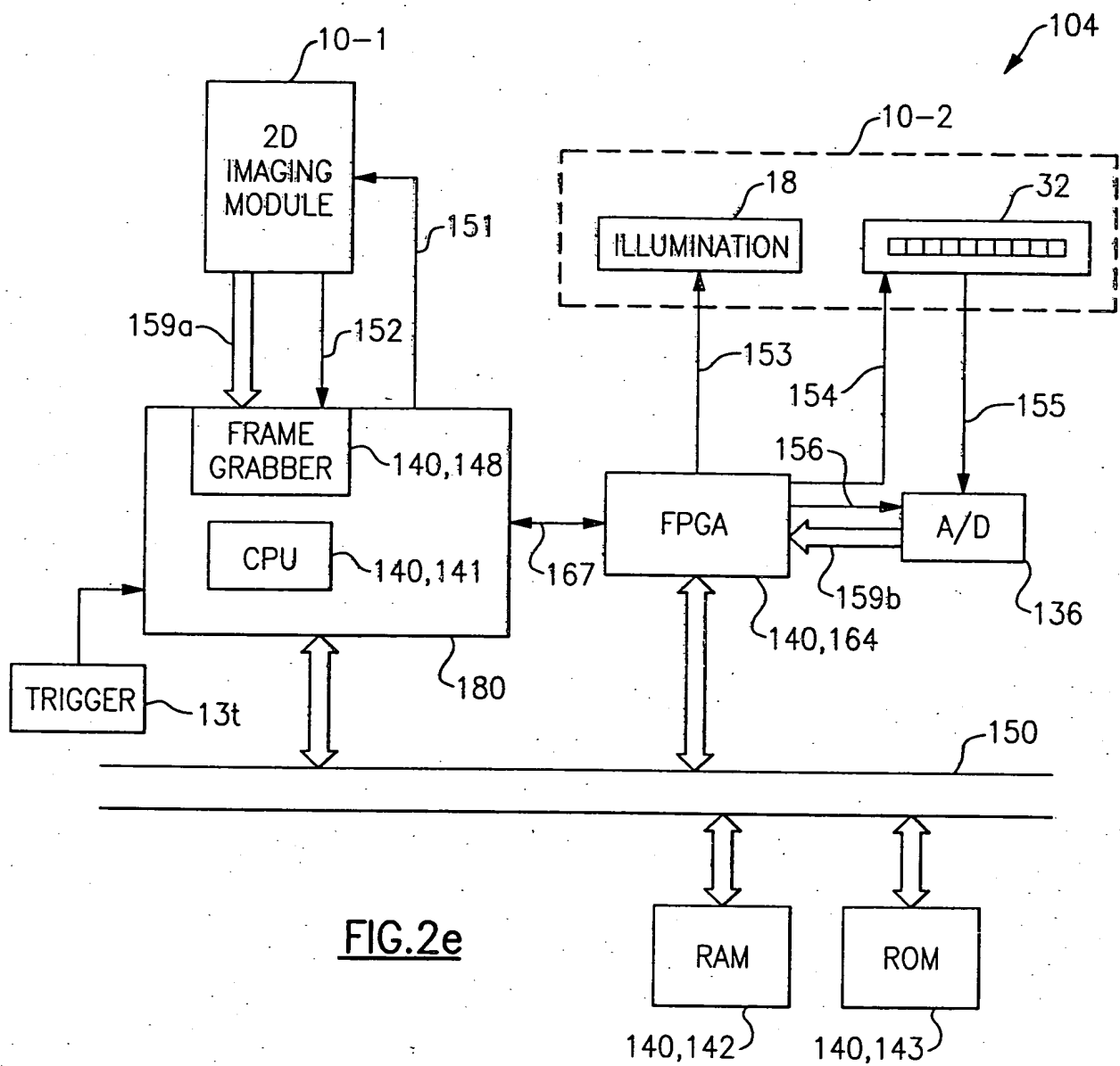


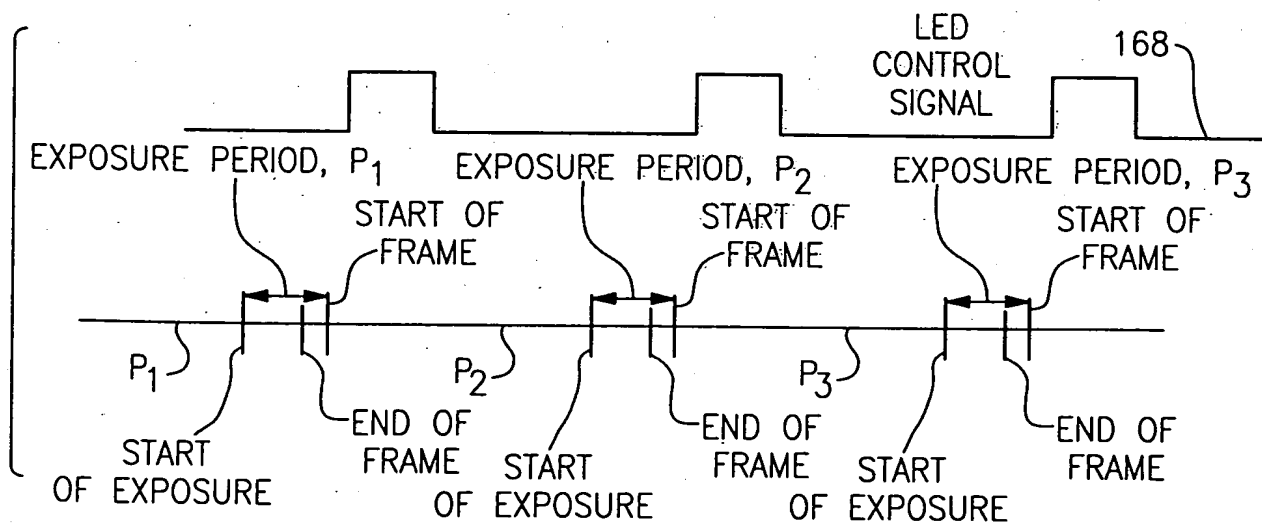
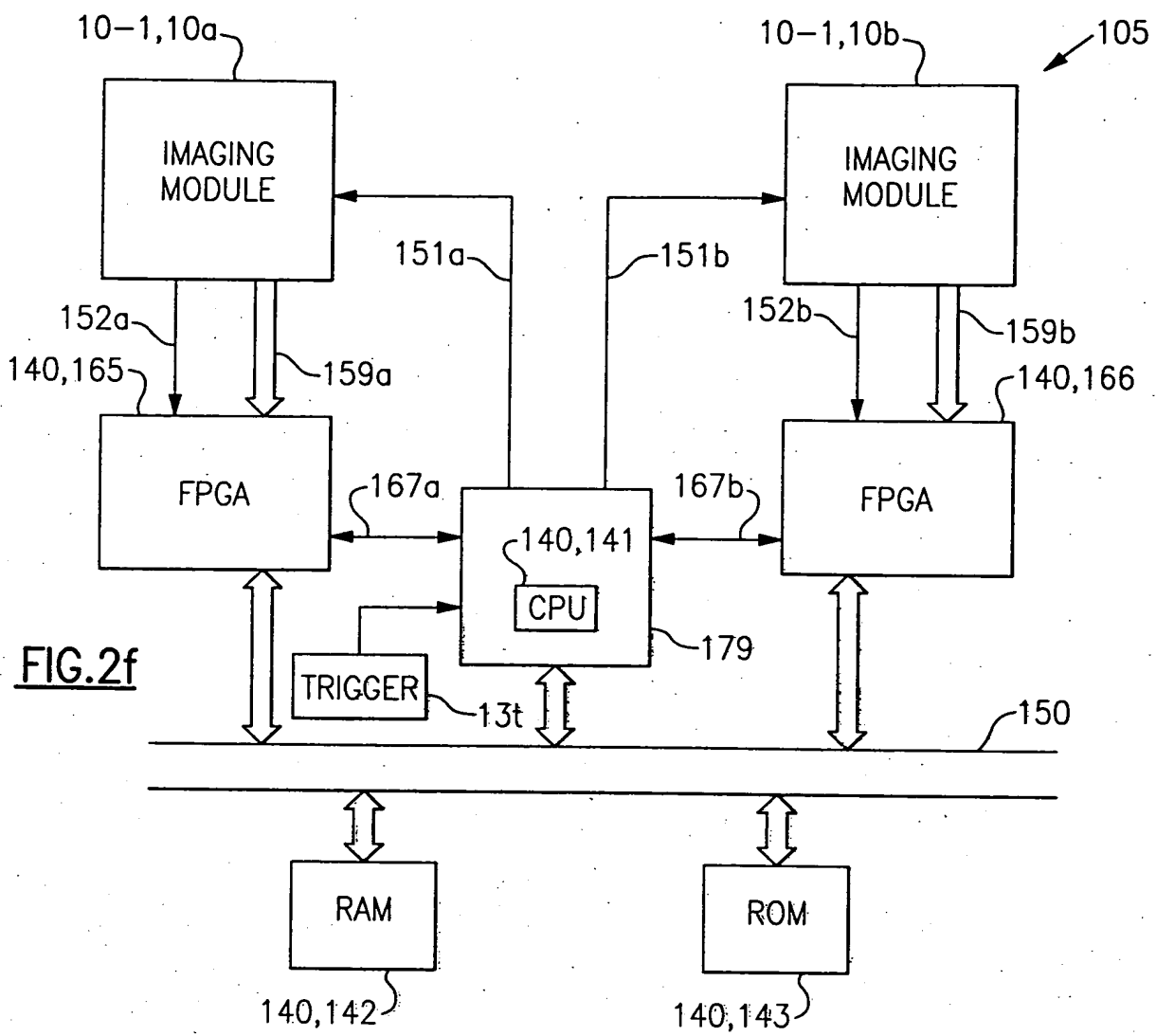
**FIG.2b**

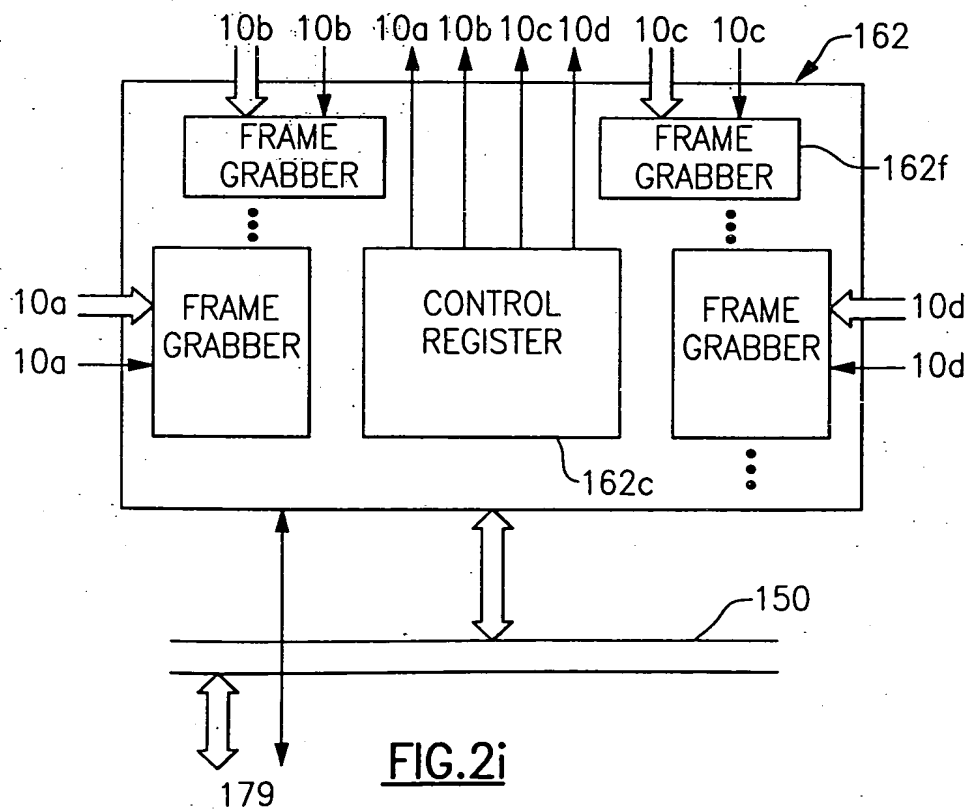
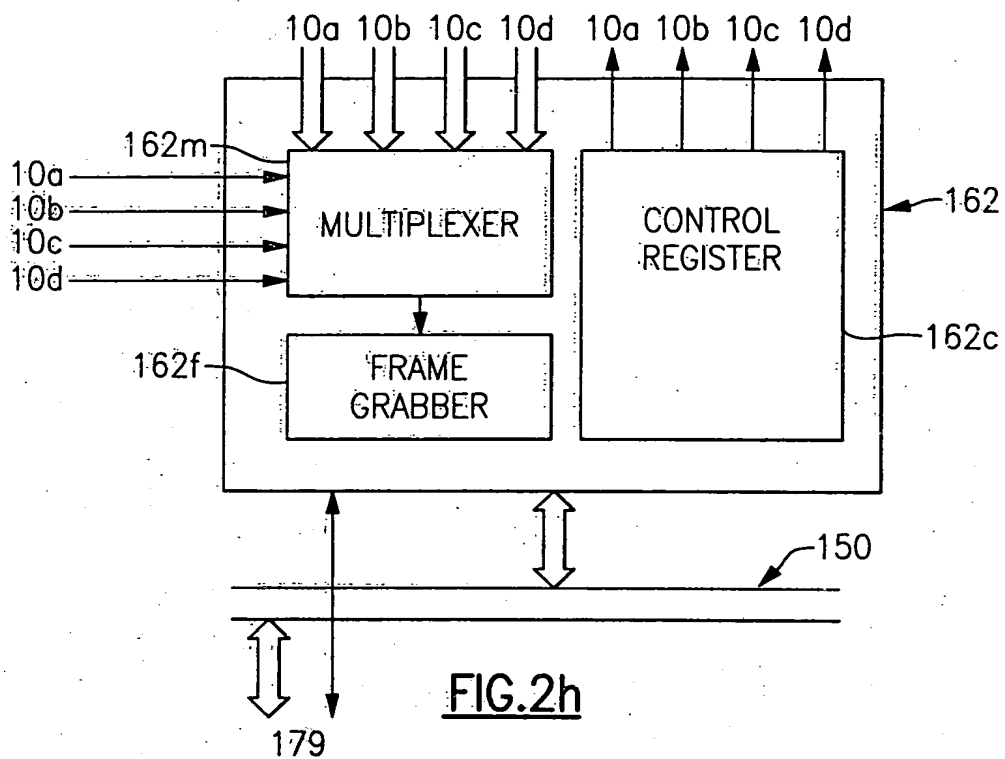


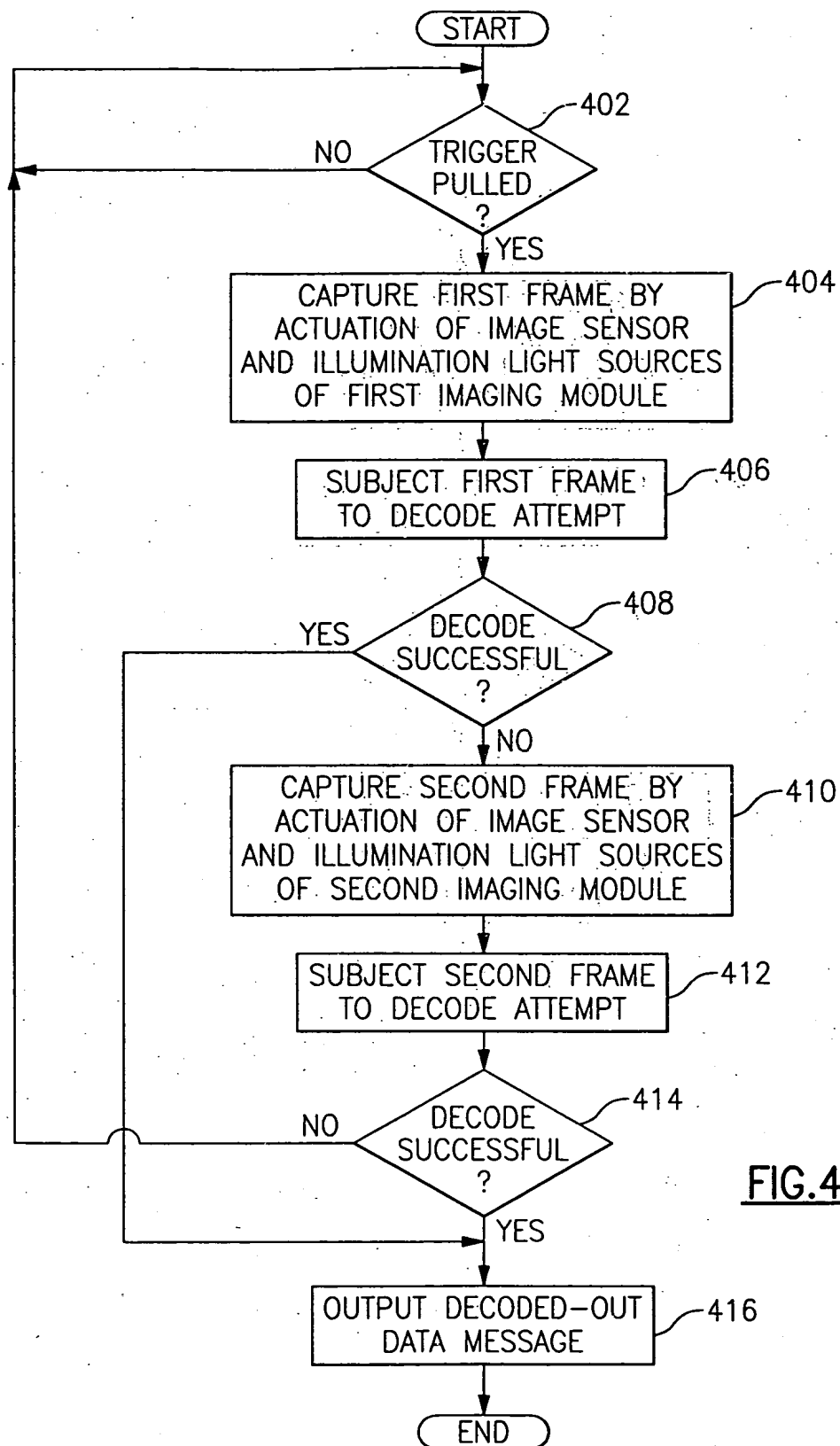
**FIG.2c**



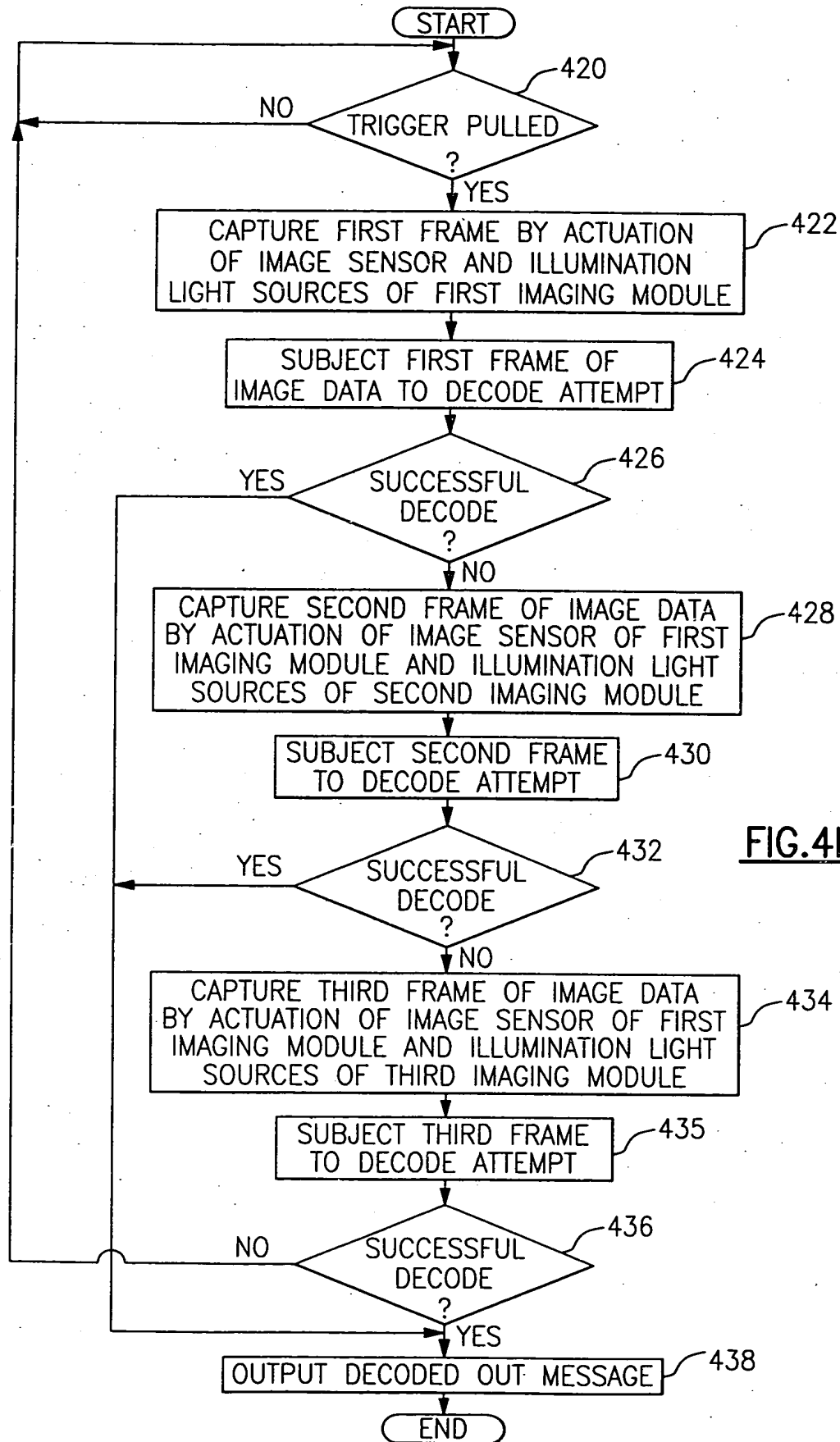




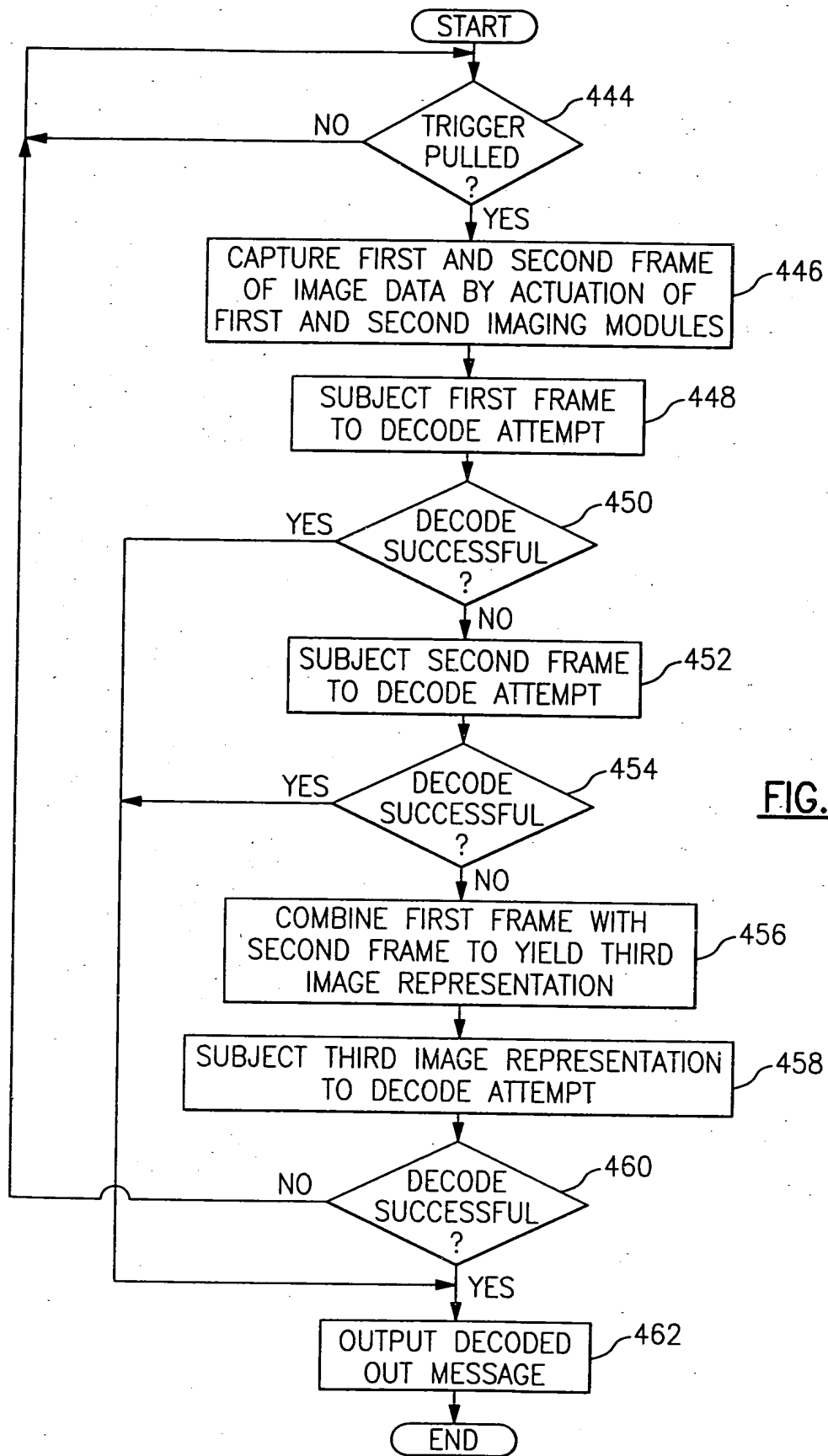




**FIG.4a**







**FIG.4c**

FIG.4d

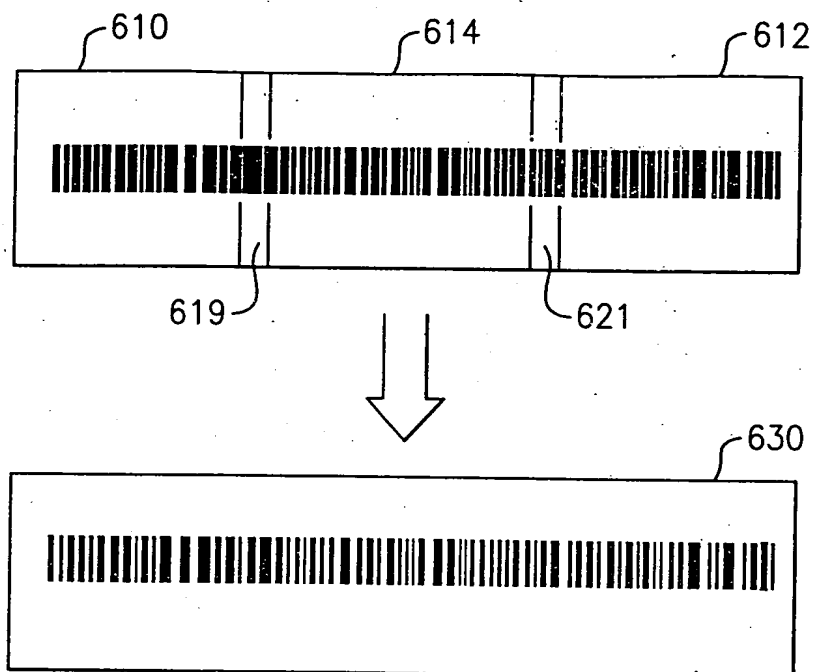
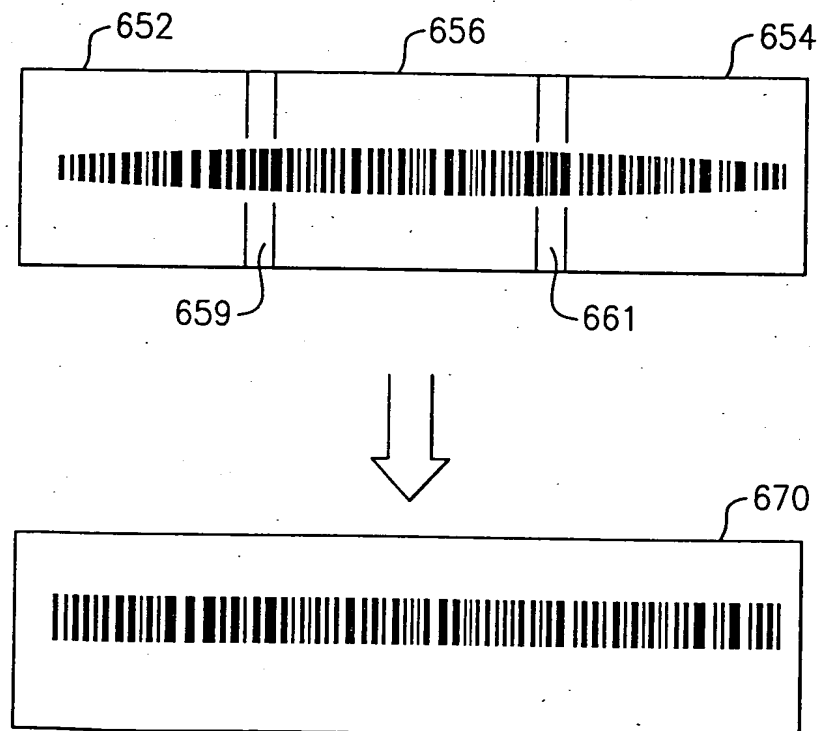
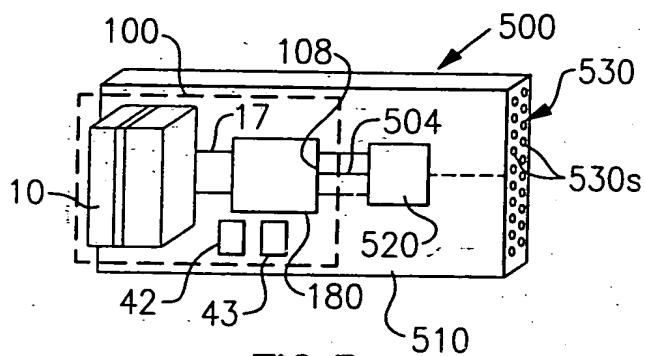
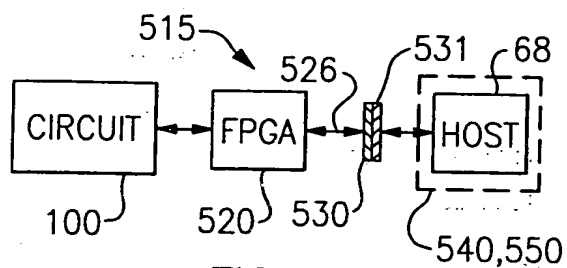


FIG.4e

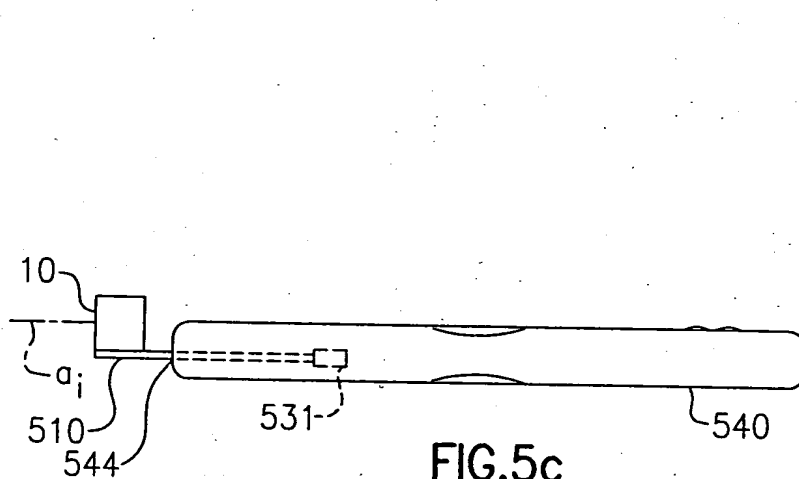




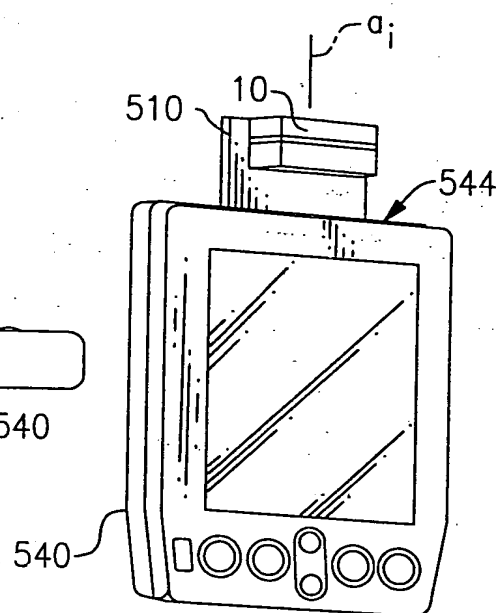
**FIG. 5a**



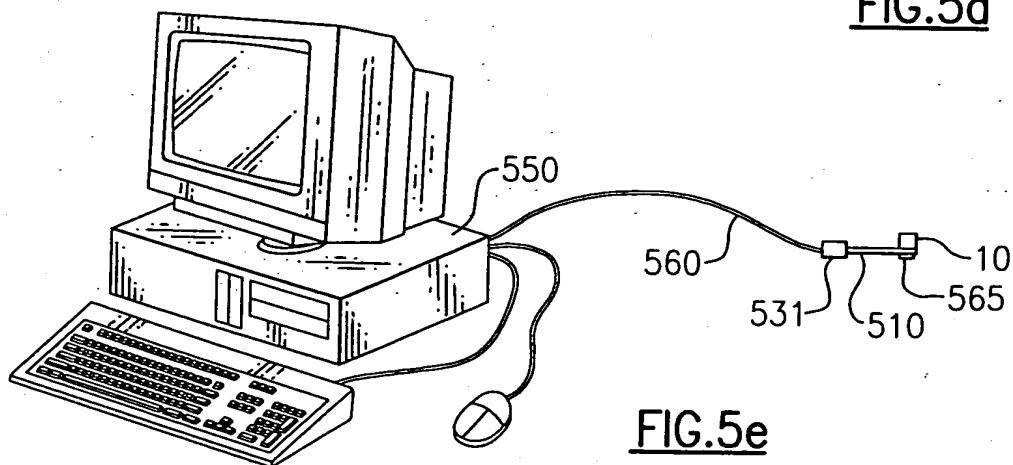
**FIG. 5b**



**FIG. 5c**



**FIG. 5d**



**FIG. 5e**